Prof. Tom D. Milster (University of Arizona, USA)

Title: Advanced Optical Engineering Research - Milster Group

Abstract:
This talk will briefly discuss several areas of current interest in the Milster Research Group at the University of Arizona's College of Optical Sciences. Topics include: Nanopolarimetry, nonlinear microscope for surface and subsurface defect detection, diffractive structures on curved surfaces for exoplanet research, hydrogen-Lyman-alpha microscope operating at 121.6nm with the sample in air, and plasmon red blood cell microscope.

Prof. Jose Sasian (University of Arizona, USA)

Title: Field curvature aberration: what is new?
（像面湾曲収差: その最新のトピック）

Abstract: This presentation provides an overview of field curvature aberration. Of the monochromatic aberrations field curvature is the most challenging aberration to correct because it often does require stressing a lens. We present a historical review of this aberration and some current understanding of its correction.